In the specification:

Please accept the corrected specification with canceled pages 7, 11-15, 35 and renumbered remaining pages.

After page 6, insert the following paragraphs:

SUMMARY OF THE INVENTION

Accordingly, it is an object of the present invention to provide a system which allows to reduce labor consumption and cost of treatment of a well, without a reduction of efficiency of treatment, time of use of wells, and gas/oil yield of productive formations.

In keeping with these objects and with others which will become apparent hereinafter, one feature of present invention resides, briefly stated, in a system for increasing the productivity of oil, gas and hydrogeological wells, comprising means for cutting slots only in a near well zone so as to perform a partial unloading of the well and to remove a part of support stresses; and means cyclically treating well with a formation-treating substance so as to remove a remaining part of the support stresses, with controlling a density of a

formation by controlling means and correcting the cyclical treatment in correspondence with the density of the formation.

When the system is designed in accordance with the invention it provides the following benefits:

The slotting with the inventive system provides a very precise, reliable and controllable method to establish a large inflow path between the cased borehole and the formation. The inflow area of an 8-in per foot dual slot is equivalent to 36 spf of 0.75-in shaped charge holes. Moreover, the pressure drop on the slot is significantly less then on the areal equivalent set of perforated holes. In addition, the cutting process is much more robust in creating a low-resistant flow path, even with two strings of casing.